

# Specialised solutions for each phase of structural design

Design structures faster, more accurately and with full BIM integration



# **CONCRETE STRUCTURES**

**Design and analyse reinforced concrete** structures with columns, beams, slabs, walls and foundations. Automatically generate drawings, code checks, and wind and seismic loads.



### STEEL STRUCTURES

**Analyse and design steel and timber structures**. Ideal for frames, towers, canopies and structural elements with a variety of geometries.



### **CONNECTION DESIGN**

Design structural connections using the finite element method. Includes connectors, plates, bolts, welds and other components, with code checking.



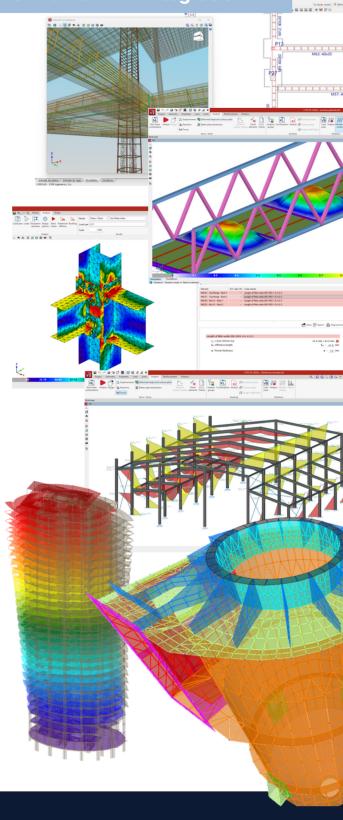
### STRUCTURAL DETAILING

Model **steel structures with a high level of detail**. Define connections, connection elements and prepare the documents for fabrication and assembly.



# **RETAINING STRUCTURES**

Design **cantilever walls**, different types of **embedded walls** and **frames** for underpasses.





Schedule a free demo with a CYPE specialist!

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# **BIM solutions for structural** engineering



### **Boost your productivity**

Speed up your workflow with efficient parametric modelling and the automatic generation of documents, drawings and reinforcement.



### Compliance with international standards

Over 200 regulations available, including Eurocodes, American Standards and British Standards.



## Full Open BIM compatibility

Seamless data exchange with architecture and facility systems via IFC files and BIMserver.center.



### Reliable results and automatic generation of documents

Obtain calculation reports, material reports, drawings and reports ready for building work.



**Additional benefits** 



**Technical support** included and continuous updates



**Lifetime** or subscription licenses



Scalable license according to project needs